



B
93

Electronic Filing System (EFS) Data
Electronic Patent Application Submission
USPTO Use Only

EFS ID: 62853

Application ID: 09540825



Title of Invention:

DATA STORAGE SYSTEM HAVING
SEPARATE DATA TRANSFER
SECTION AND MESSAGE
NETWORK WITH PLURAL
DIRECTORS ON A COMMON
PRINTED CIRCUIT BOARD AND
REDUNDANT SWITCHING
NETWORKS

First Named Inventor: David Black

Domestic/Foreign Application: Domestic Application

Filing Date: 2000-03-31

Effective Receipt Date: 2004-06-18

Submission Type: Information Disclosure
Statement

Filing Type:

Confirmation number: 2354


Attorney Docket Number: EMC2-043PUS

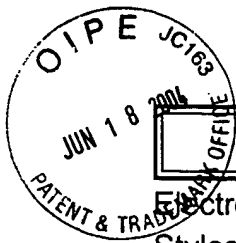
Total Fees Authorized:

Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 813f1c5e4fedb697bfb0d64a7e7452e0bcc59918

**TRANSMITTAL**

Electronic Version v1.1
Stylesheet Version v1.1.0


Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS ON A COMMON PRINTED CIRCUIT BOARD AND REDUNDANT SWITCHING NETWORKS									
<p>Application Number: 09/540825 </p> <p>Date: 2000-03-31</p> <p>First Named Applicant: David Black</p> <p>Confirmation Number: 2354</p> <p>Attorney Docket Number: EMC2-043PUS</p>										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Richard M Sharkansky Registered Number: 25800</td><td>/rms/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Richard M Sharkansky Registered Number: 25800	/rms/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Richard M Sharkansky Registered Number: 25800	/rms/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>EMC2-043PUS-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	EMC2-043PUS-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	EMC2-043PUS-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS ON A COMMON PRINTED CIRCUIT BOARD AND REDUNDANT SWITCHING NETWORKS																				
<p>Application Number: 09/540825 </p> <p>Confirmation Number: 2354</p> <p>First Named Applicant: David Black</p> <p>Attorney Docket Number: EMC2-043PUS</p> <p>Examiner: Christopher E Lee</p> <p>Search string: (4977556).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4977556</td><td>1990-12-11</td><td>Noguchi</td><td></td><td>370</td><td>60</td></tr></tbody></table> <p>Signature</p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td></td><td></td></tr></tbody></table>		init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4977556	1990-12-11	Noguchi		370	60	Examiner Name	Date		
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass														
	1	4977556	1990-12-11	Noguchi		370	60														
Examiner Name	Date																				